

15-57-4-4154

The Use of Paleontologic Methods for Studying (Cont.)

the fine-grained lacustrine sediments. The value of the insects is enhanced by the fact that they are delicate indicators of changes in the ecological environment. The fresh-water pelecypod fauna may be traced over great distances in sediments of synchronous basins. Fresh-water pelecypods are very sensitive to changes in the external environment and may be of considerable use in paleogeographic investigations. More detailed study of this group is needed. Ostracods are also important, many of them having a narrow vertical range and showing insignificant variations horizontally in different types of rock. Phyllopods, living in brackish-water and fresh-water reservoirs, may also be useful for correlation and age determination of strata. Gastropods and fish have not yet been studied sufficiently. The author notes that a stratigraphic boundary should be established by the appearance of a group of new, persistent forms. In the Karaganda basin, where the pelecypods, brachiopods, phyllopods, ostracods, and flora were studied, emphasis is placed on the value of composite investigations when making stratigraphic and facies analyses.

Card 2/2

S. V. G.

SKOPETS, Z.A. (Yaroslavl'); OSTROVSKIY, A.I. (Moskva); BISKIN, L.N. (Moskva);
BALK, M.B. (Smolensk'); BORSUK, M.V. (L'vov); BYKOV, A.M. (Baku);
CHANTURIYA, Z.A. (Tbilisi); NOVIKOVA, V.S. (Orekhovo-Zuyevo); DUBNOV,
Ya.S. (Moskva); STECHKIN, S.B. (Moskva); KHAVIN, L.P. (Leningrad);
FIRDNIYEV, P.. (Stavropol'); CHIAREULI, D.L. (GruzSSR); ASMKRITOV, U.M.
(Yaroslavl'); GOUBEV, V.A. (Kuvshinovo); MALININ, V.V. (Leningrad);
DAVYDOV, U. (Gor'kiy); ROZENBERG, V.I. (Leningrad); TIKHONOV, P.G.
(Kazan); ROMANCHUK, N.A. (Khar'kov); MINLOS, R.a. (Moskva); OGAY,
S.V. (Frunze); ROFE-BEKETOV, F.S.; BERSHTEYN, A. (Moskva); ARLAZAROV,
V.L. (Moskva)

Solutions to problems. Mat.pros. no.4:253-270 '52.

(MIRA 12:11)

(Mathematics--Problems, exercises, etc.)

UKHANOV, V.V.; YLEROVA, R.A.; ZNAMENSKAYA, Ye.M.; SEMENOVA, Ye.S.;
ANDREYAEVA, N.M.; SKORODUMOV, D.Ye.; GAVRILOV, A.M.; PETRIKOVICH,
N.P.. Prinimali uchastiye: MOKHOVA, M.A.; BORSUK, N.V.. PROSHKIN,
YAKOV, A.K., otv.red.; SHATILINA, M.K., red.; SOLOVYCHIK, A.A.,
tekhn.red.

[Directions for hydrometeorological stations and posts] Mastavlenie
gidrometeorologicheskim stantsiam i postam. Leningrad,
Gidrometeor.izd-vo. No.6, pt.3. [Compiling and preparing for
printing the yearbook of hydrology] Sostavlenie i podgotovka
k pechati gidrologicheskogo zhurnalika. 1958. 290 p.
(MIRA 13:2)

1. Russia (1923- U.S.S.R.) Glavnoe upravlenie gidrometeorologicheskoi sluzhby. 2. Otdel gidrometrii Gosudarstvennogo ordena Trudovogo Krasnogo Znameni hidrologicheskogo instituta (for all except Shatilina, Soloveychik).
(Hydrology--Yearbooks)

BORSUK, M.Y.

Solvability of Dirichlet's and Neumann's problems for the weakly nonlinear operator $\operatorname{div}[\mathcal{E}(u) \operatorname{grad} u]$ with discontinuous coefficients on a plane. Dep. VINITI no. 1213-V0-3504 -65.

(MFA 19:1)

I. Lvovskiy gosudarstvennyy universitet. Submitted October 1, 1964.

HORSUK, O.A.; SIMONOV, Yu.G.

Paragenetic complexes of slopes and slope sediments in southeastern
Transbaikalia. Biul. MOIP. Otd.geol. 37 no.4:146-147 Jl-Ag '62.
(MIRA 16:5)

(Transbaikalia--Slopes (Physical geography))
(Transbaikalia--Sediments (Geology))

KHMELEVA, N.V.; BORSUK, O.A.

Types of gullies in the middle section of the Akbura Valley. Vest.
Mosk. un. Ser. 5:Geog. 18 no.2:44-49 Mr-Ap '63. (MIRA 16:3)

1. Kafedra geomorfologii Moskovskogo universiteta.
(Akbura Valley—Erosion)

BORSUK, O.A.

Roundness of alluvial detritus in the valleys of eastern Trans-
baikalia. Biul. MOIP Otd. geol. 40 no. 6:152 N-D '65.
(MIRA 19:1)

1. Submitted May 4, 1965.

"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000206530001-4

BORSUK, O. N.

"Organization and Sequence for Inspection of the Hydrological Net of the Hydro-Meteorological Stations," Meteorology and Hydrology, Vol. 2, 1949.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000206530001-4"

BORSUK, O. N.

PA 245T63

USSR/Geophysics - Hydrology

Nov 52

"Reply to Lavrenov's Letter," O. N. Borsuk,
Cand Geog Sci, State Hydrological Inst

"Meteorol i Gidrol" No 11, pp 64, 65

A letter to the editor in regard to P. Khobta's
article ("Meteorol i Gidrol" No 7, 1951) on the
usefulness of observations of dried-up rivers.

245T63

BORSUK, O.N., kandidat geograficheskikh nauk

Concerning the article "A systematic error in the measurement of
large river flows with deforming river beds." Meteor.i gidrol.
no.2:51 F '53. (MIRA 8:9)

1. Gosudarstvennyy hidrologicheskiy institut, Leningrad.
(Stream measurements)

BORSUK, O.N.
BORSUK, O.N.

~~Artificial regulation of the runoff of small rivers of the European part of the U.S.S.R. Trudy GGI no.62:3-23 '57. (MIRA 10:12) (Rivers--Regulation) (Runoff)~~

URYVAYEV, V.A., kand.tekhn.nauk, otv.red.; ALEKIN, G.A., red.; VELIKANOV, M.A., red.; BLIZNYAK, Ye.V., red.; BORSUK, G.M., kand.geogr.nauk, red.; DAVYDOV, L.K., red.; DOMANITSKIY, A.P., red.; KALININ, G.P., red.; KRITSKIY, S.N., red.; KUDELIN, B.I., red.; MANOIM, L.F., red.; MENKEL', M.F., red.; ORLOV, B.P., red.; POPOV, I.V., red.; PROSKURYAKOV, A.K., red.; SOKOLOVSKIV, D.L., red.; SPENGLER, O.A., red.; CHEBOTAREV, A.I., red.; CHERKAVSKIY, S.K., red.; GROSMAN, R.V., red.; SERGEYEV, A.N., tekhn.red.

[Proceedings of the third All-Union Hydrological Congress] Vsesoiuznyi gidrologicheskii s"ezd. 3rd, Leningrad, 1957. Trudy. Leningrad, gidrometeor. izd-vo. Vol.1 [General information, decisions, and papers presented in plenary sessions] Obshchie sledenija, reshenija i plenarnye doklady. 1958. 242 p.
(MIRA 12:1)
(Hydrology--Congresses)

BORSUK, O.N.

Artificial control of the discharge of small rivers by ponds and reservoirs in the European part of the U.S.S.R.; summary of the report. Trudy Lab. ozeroved. 7:10-12 '58. (MIRA 11:10)

1.Gosudarstvennyy gidrologicheskiy institut Glavnogo upravleniya Gidrometeorologicheskoy sluzhby SSSR.
(Rivers--Regulation)

MURANOV, Aleksandr Pavlovich; BORSUK, O.N., otv.red.; LIVSHITS, B.Ye.,
red.; VLADIMIROV, O.G., tekhn.red.; BRAYNINA, M.I., tekhn.red.

[The Yangtze River] Reka IAntsy. Leningrad, Gidrometeor.
izd-vo, 1959. 122 p. (MIRA 13:1)
(Yangtze River)

MURANOV, Aleksandr Pavlovich; BORSUK, O.N., otv.red.; PROTOPOPOV, V.S.,
red.; VOLKOV, N.N., tekhn.red.

[Rivers Euphrates and Tigris] Reki Evfrat i Tigr. Leningrad,
Gidrometeor.izd-vo, 1959. 138 p. (MIRA 13:4)
(Euphrates River) (Tigris River)

BORSUK, O.N., kand.geograf.nauk; URYVAYEV, V.A., otd.red.; PROSKURYAKOV,
A.K., kand.tekhn.nauk, otd.red.toma; SHATILINA, M.K., red.;
BRAYNINA, M.I., tekhn.red.

[Transactions of the Third All-Union Hydrological Congress,
Leningrad, 1957] Trudy III Vsesoiuznogo gidrologicheskogo
sezda. Leningrad, Gidrometeor.izd-vo. Vol.8. [Section of
Hydrometry and Methods of Hydrological Research] Sektsiya
gidrometrii i metodov hidrologicheskikh issledovanii. 1959.
271 p. (MIRA 13:1)

(Hydrology--Congresses)

BORSUK, O.M., kand.geograf.nauk; URYVAYEV, V.A., otv.red.; DAVYDOV, L.K.,
prof., doktor geograf.nauk, red.toma; SHATILINA, M.K., red.;
BRAYNINA, M.I., tekhn.red.

[Transactions of the Third All-Union Hydrological Congress,
Leningrad, 1957] Trudy III Vsesoiuznogo gidrologicheskogo
s'ezda. Leningrad, Gidrometeor.izd-vo, Vol.7. [Section of
General Hydrology] Sektsiya obshchei hidrologii. 1959. 323 p.
(MIRA 13:1)

(Hydrology--Congresses)

BORSUK, O.N., kand.geogr.nauk; POPOV, O.V., starshiy nauchnyy sotrudnik;
URIVAYEV, V.A., otv. redaktor; KUDELIN, B.I., prof., doktor geol.-
mineral.nauk, red.toma; GROSMAN, R.B., red.; BRAYNINA, M.I.,
tekhn.red.

[Transactions of the Third All-Union Hydrological Congress, Lenin-
grad, 1957] Trudy III Vsesoyuznogo gidrologicheskogo s"yezda, Le-
ningrad, 1957. Leningrad, Gidrometeor.izd-vo, Vol.9. [Section of
Underground Waters and Problems in Underground Feeding of Rivers]
Sektsiya podzemnykh vod i problem podzemnogo pitanija rek. 1959.
(MIRA 12:11)
358 p.

1. Vsesoyuznyy hidrologicheskiy s"ezd. 3d, Leningrad, 1957.
(Water, Underground--Congresses)

BORSUK, O.N., kand.geogr.nauk; POPOV, I.V., kand.geogr.nauk; SPENGLER,
O.A., kand.geogr.nauk; URYVAYEV, V.A., otv.red.; ORLOV, B.P.(Moskva),
prof., doktor geogr.nauk, red.toma; PROTOPOPOV, V.S., red.;
BRATNINA, M.I., tekhn.red.

[Proceedings of the Third All-Union Hydrological Conference]
Trudy III Vsesoiuznogo gidrologicheskogo s"ezda, Leningrad.
Gidrometeor.izd-vo. Vol.3. [Hydrophysics section] Sektsiya
gidrofiziki. 1959. 470 p. (MIRA 12:5)

1. Vsesoyuznyy hidrologicheskiy s"ezd, 3rd, Leningrad, 1957.
2. Akademiya nauk SSSR (for Orlov).
(Hydrometeorology)

FEDOROV, N.N., kand.tekhn.nauk; POPOV, I.V., kand.geogr.nauk; BORSUK, O.N.,
kand.geogr.nauk; GRUSHEVSKIY, M.S., kand.tekhn.nauk; VELIKANOV,
M.A., prof., doktor tekhn.nauk, red.(Moskva); URYVAYEV, V.A., otv.
red.; ALEKIN, O.A., red.; BLIZNYAK, Ye.V., red. [deceased];
BORSUK, O.N., red.; DAVYDOV, L.K., red.; DOMANITSKIY, A.P., red.;
KALININ, G.P., red.; KRITSKIY, S.N., red.; KUDELIN, B.I., red.;
MANOIM, L.F., red.; MENKEL', M.F., red.; ORLOV, B.P., red.;
PROSKURYAKOV, A.K., red.; SOKOLOVSKIY, D.L., red.; SPENGLER, O.A.,
red.; CHEBOTAREV, A.I., red.; CHERKOVSKIY, S.K., red.; SHATILINA,
M.K., red.; VLADIMIROV, O.G., tekhn.red.

[Transactions of the Third All-Union Hydrological Congress] Trudy
III Vsesoyuznogo gidrologicheskogo s"ezda. Vol.5. [Section of
Hydrodynamics and River-Bed Evolution] Sektsiya hidrodinamiki i
ruslovych protsessov. 1960. 421 p.

(MIRA 13:11)

1. Vsesoyuznyy hidrologicheskiy s"ezd. 3d, Leningrad, 1957.
2. Gosudarstvennyy hidrologicheskiy institut (for Fedorov, Popov).
3. Chlen-korrespondent AN SSSR (for Velikanov).

(Hydrology--Congresses)

BORSUK, O.N.

Effect of waves and water level pulsations in mountain rivers on
the accuracy of stream gauging observations. Trudy GGI no.90:
22-45 '60. (MIRA 14:1)
(Khodzhikent region—Stream measurements)

BORSUK, O.N.; IL'IN, I.A.

State of hydrological research in Central Asia and tasks of hydrological stations and observatories in improving the work of the hydrological network. Trudy GGI no.90:4-21 '60. (MIRA 14:1)
(Soviet Central Asia--Hydrology--Research)

BORSUK, O.N.; SKORODUMOV, D.Ye.

"Methods of streamflow calculation with reference to physico-geographical conditions" by A.G. Trestman. Reviewed by O.N. Borsuk, D.E. Skorodumov. Meteor. i hidrol. no.9:57-60 S '61. (MIRA 14:8)

(Hydrology) (Trestman, A.G.)

BORSUK, O.N.

Integral method of measuring the discharge of natural rivers.
Trudy GGI no.98:4-46 '62. (MIRA 15:12)
(Stream measurements) (Integrals)

BORSUK, O.N.

Methodology of measuring depths and the accuracy in determining
the area of cross sections of mountain rivers. Trudy GGI no.98:
99-130 '62. (MIRA 15:12)
(Soviet Central Asia—Stream measurements)

BORSUK, O. N.

Andrei Konstantinovich Proskuriakov; an obituary. Meteor. i
gidrol. no.1:58-59 Ja '63. (MIRA 16:1)

(Proskuriakov, Andrei Konstantinovich, 1909-1962)

БОГДАНОВ, Р.А.

USSR.

Anti-Sticking Mould Mixtures for Stainless Steel Castings
I. Ic., Krynnin, A. M. Lysen, V. O. Yakovlev, I. D. Kurnamin
and P. A. Barsuk. (Litinsk. Proizvodstvo, 1954, (2), 32-4).
[In Litinsk.] After consideration of the factors promoting
adhesion of mould mixtures to stainless steel castings, an
equation is given of experiments with various anti-sticking
mixtures. Best results were obtained with chrome-magnesite
mixtures (especially when mixed with water-glass). Full-scale
tests showed that for large castings the mixture should be
applied in a 15-20 mm. thick layer using an underlayer of
high permeability. Curves are presented showing the
effect of various factors on the strength of the chrome-
magnesite mixtures.—B. K.

q.m.



BORSUK, P. A.

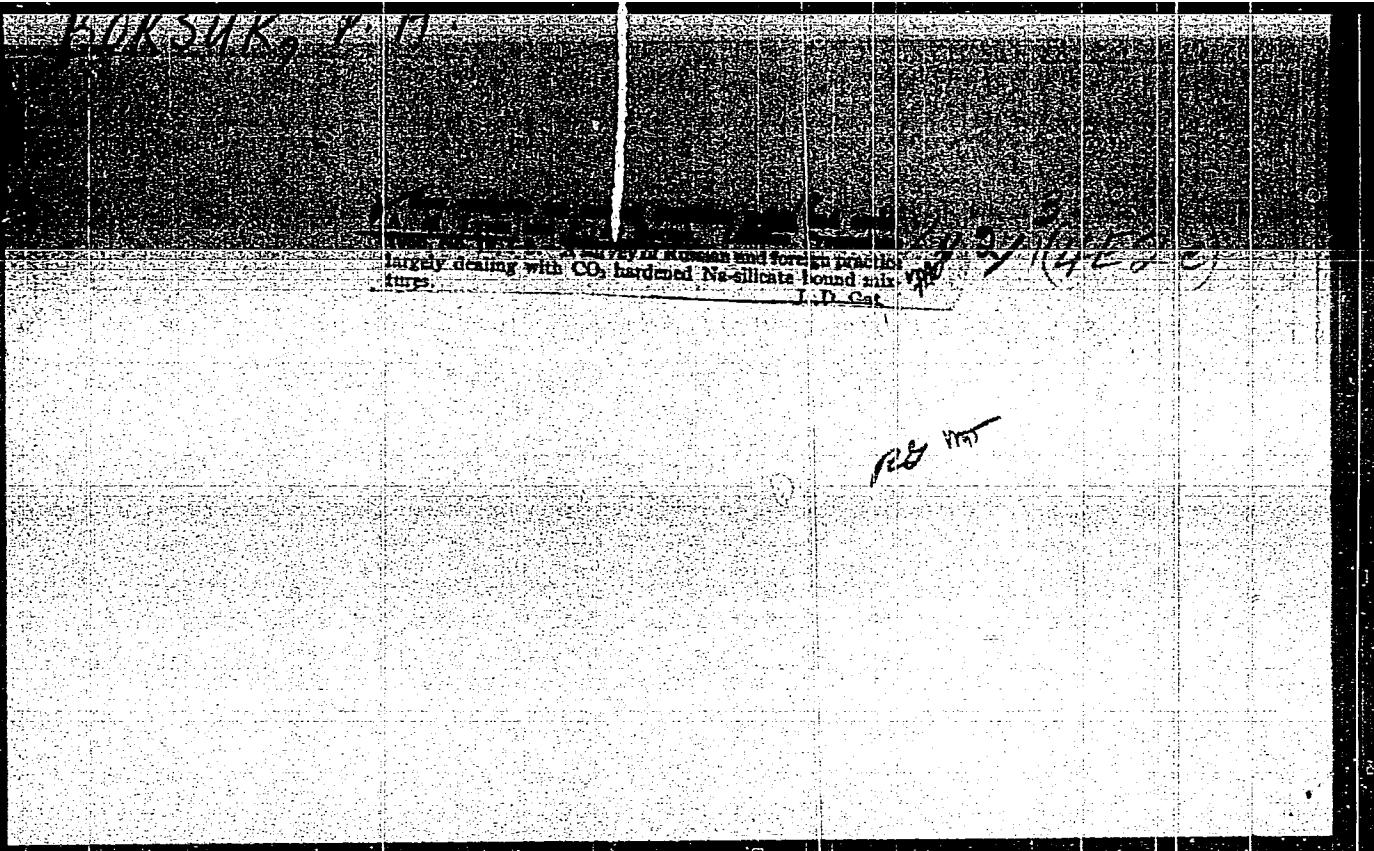
BORSUK, P. A. --"Investigation of Conditions of the Formation of Sand Crust on Castings of Special Steels." *(Dissertations for Degrees in Science and Engineering Defended at USSR Higher Educational Institutions) Min of Heavy Machine Construction USSR, Central Sci Res Inst of Technology and Machine Construction TsNIITMash, Moscow, 1955

SO: Knizhnaya Letopis', No. 25, 18 Jun 55

* For Degree of Candidate in Technical Sciences

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CIA-RDP86-00513R000206530001-4



APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206530001-4"

BORSUK, R.A., red. (Moskva); BOCHAROV, Yu.S., red. (Moskva);
GINZBURG, A.S., red.; YEMEL'YANOV, S.V., red.; LANGE,
A.B., red.; LARIONOV, V.F., red.; MANUILLOVA, N.A., red.;
MATVEYEV, B.S., red.; PODDUBNAYA-ARNOL'DI, V.A., red.;
POTEMKINA, D.A., red.; TRANKOVSKIY, D.A., red.; USTINOVA,
Ye.I., red.; SHMIDT, G.A., red.; SHREDELM, V.N., red.;
NECHAYEVA, Ye.G., red.

[Problems in modern embryology] Problemy sovremennoi embriologii. Moskva, Izd-vo Mosk. univ., 1964. 565 p.
(MIRA 17:5)

BORSUK, R.A.; KISELEVA, R.N.

Regeneration of the lens in the larvae of "gallipato"
(*Pleurodeles waltlili*). Vest. Mosk un. Ser. 6:Biol.,
pochv. 19 no.2:38-43 Mr-Ap '64. (MIRA 17:9)

1. Kafedra embriologii Moskovskogo universiteta.

BORSUK, R. A.

Replacement of crystalline lens in adult Amphibia by a lens' rudiment. Doklady Akad. nauk SSSR 79 no.4:701-704 1 Aug 1951.
(CIML 21:1)

1. Scientific-Research Biological Soil Institute of Moscow
State University imeni M. V. Lomonosov.

BORSUK, R. A.
BORSUK, R. A.

PA 239T3

USSR/Medicine - Regeneration of Tissues

Aug 52

"Replacement of the Cornea of Adult Birds With Embryonal Skin," V. V. Popov, R. A. Borsuk, Moscow State U

"DAN SSSR" Vol 85, No 5, pp 1181-1184

Expts on the restoration of corneas by transplantation of embryonal skin led to successful results on amphibia, fish, and apparently also on mammals. However, the results on mammals were confused by the frequent occurrence of pathological changes of the eye due to inflammation. For that reason data on birds, which are also higher

239T3

warm-blooded vertebrates, but do not often develop inflammations, were of particular importance. Expts on the restoration of corneas of adult pigeons by transplanting the skin of 10-day-old embryos were carried out and proved to be entirely successful.

239T3

USSR/Human and Animal Physiology (Normal and Pathological).
Sense Organ. Vision.

T-11

Abs Jour : Ref Zhur - Biol., No 16, 1958, 75231

Author : Borsuk, R.A.

Inst : - Moscow STATE UNIVERSITY imeni M. V. Lomonosova.

Title : On the Sensitivity of the Regenerating Chrystalline Lens
in an Adult Triton to the Effect of Gamma-Rays.

Orig Pub : Dokl. AN SSSR, 1957, 116, No 2, 323-326

Abstract : Exposure of the chrystalline lens of triptons (*Triton taenius*, *T. cristatus*) to a dose of 700-1000 g did not inhibit the setting in of a reaction of the iris on the removal of the chrystalline lens, but did inhibit the growth of the regenerating chrystalline lens. The regenerates, having ceased their development, were resorbed. Exposure to a dose of 2000 g also did not influence the processes, originating in the iris, but the reproduction of the cells of the epithelium and formation of the

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- 98 -

USSR/Human and Animal Physiology (Normal and Pathological).
Sense Organ, Vision.

T-11

Abs Jour : Ref Zhur - Biol., No 16, 1958, 75231

rudiment were strongly inhibited. The retina of the eye of the adult animal developed a strong resistance to the effect of radiation energy and preserved its morphogenetic properties in the environs of the organism affected by radiation sickness. The stage of regeneration which is the most sensitive is connected with differentiation of this structure. Differentiating cells are more sensitive to damaging factors than are young non-differentiating cells and cells which possess a terminal structure.
-- S.S. Shvarts.

Camd 2/2

BORSUK, R.A.; POPOV, V.V.

Effect of certain light conditions on the Wolffian regeneration
of the crystalline lens in larvae of the newt Pleurodeles
Waltlii. Dokl. AN SSSR 139 no.6:1487-1490 Ag '61.

(MIRA 14:8)

1. Moskovskiy gosudarstvennyy universitet im. M.V. Lomonosova.
Predstavлено академиком I.I. Shmal'ganzenom.

(CRYSTALLINE LENS)

(REGENERATION(BIOLOGY))

(LIGHT-PHYSIOLOGICAL EFFECT)

3,1810 (104)

29372
S/169/61/000/OC6/036/039
A005/A130

AUTHORS: Potapov, B.P., Rappoport, Z.Ts., Borsuk, T.B.

TITLE: Investigation of radiowave absorption in the auroral zone

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 6, 1961, 26, abstract
6G210. (V sb.: Spektr., elektrofotometr. i radiolokats.
issled. polyarn. siyaniy i svecheniya nochnogo neba, no. 2-3.
Moscow, AN SSSR, 1960, 42-44 (English summary))

TEXT: The authors describe the preliminary results of measurements
of radiowave absorption by the ionosphere carried out from December, 1958
to March, 1959 in the region of the Loparskaya station ($68^{\circ}38' n.lat.$,
 $33^{\circ}22' e.long.$). The measurements were carried out by means of the impulse
sounding method at 2.2 Mc frequency and the recording of the intensity of
cosmic radio noise at 31 Mc frequency. It is confirmed that the auroral
effect is connected with an increase in absorption. Cases of rise of ab-
sorption were noted incident to vertical propagation of radiowaves al-
though the aurora at this time was observed only in the northern part of

Card 1/2

Investigation of radiowave absorption ...

29372
S/169/61/000/006/036/039
A005/A130

the sky. The good correlation between rise of absorption and appearance of radiant forms of the aurora allows the assumption that the source of ionization of the D-region is, at least partially, X-radiation arising incident to the retardation of rather hard electrons. No clear correlation was detected between increase of absorption and appearance of H_a - line emission near the zenith. Some differences between the shapes of the absorption curves measured by the two methods lead to the conclusion that the E-region may also play an essential role in absorbing radiowaves in the auroral zone.

Z. Rappoport

[Abstractor's note: Complete translation.]

Card 2/2

BORSUK, V. N.

Meteorology

"General meterology." E. V. Mal'chenko, Reviewed by V. N. Borsuk. Met. i gidrol., No. 3, 1949.

Monthly List of Russian Accessions, Library of Congress, November 1952. UNCLASSIFIED.

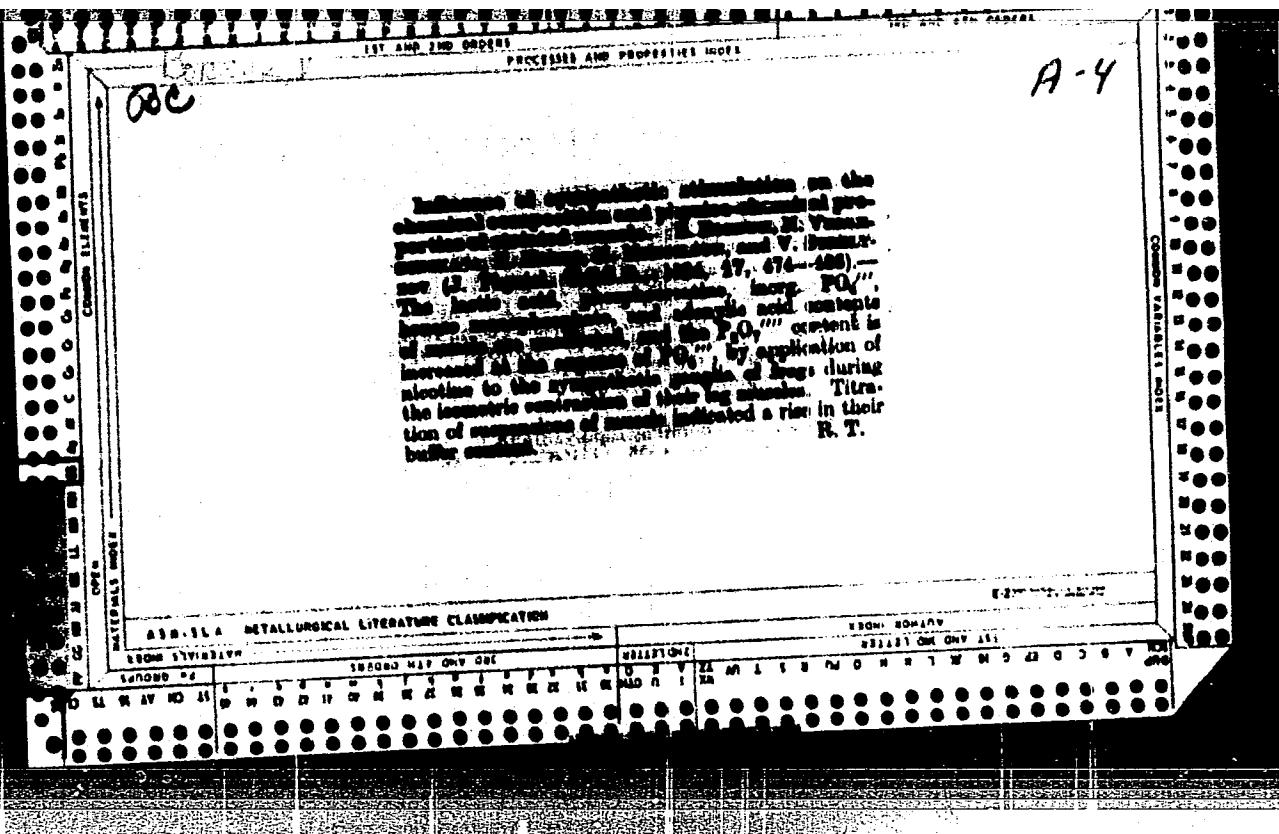
BORSUK, V. N.

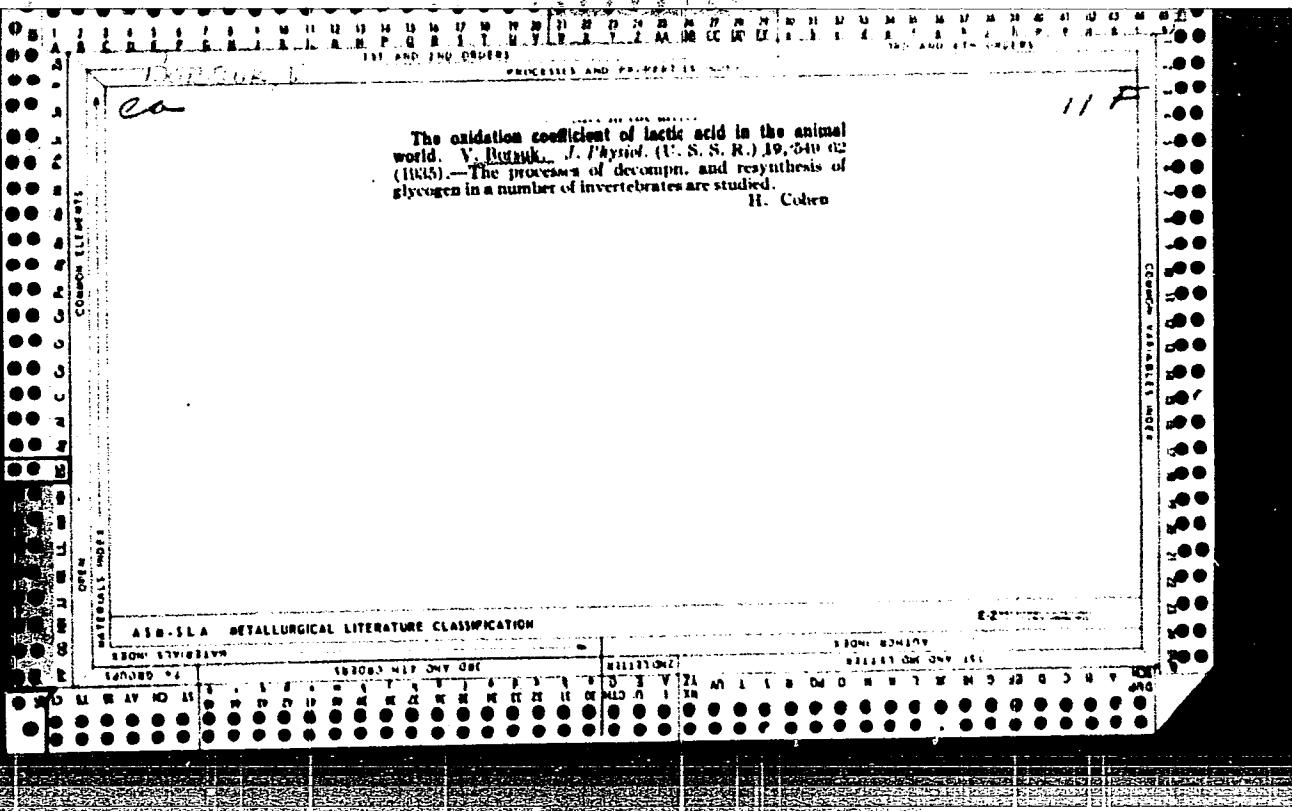
"A Contribution to the Problem Concerning a Procedure for Anemo-Energetic (Wind Power) Computations," Meteorologiya i Gidrologiya, No. 3, 1950, pp 57-59.

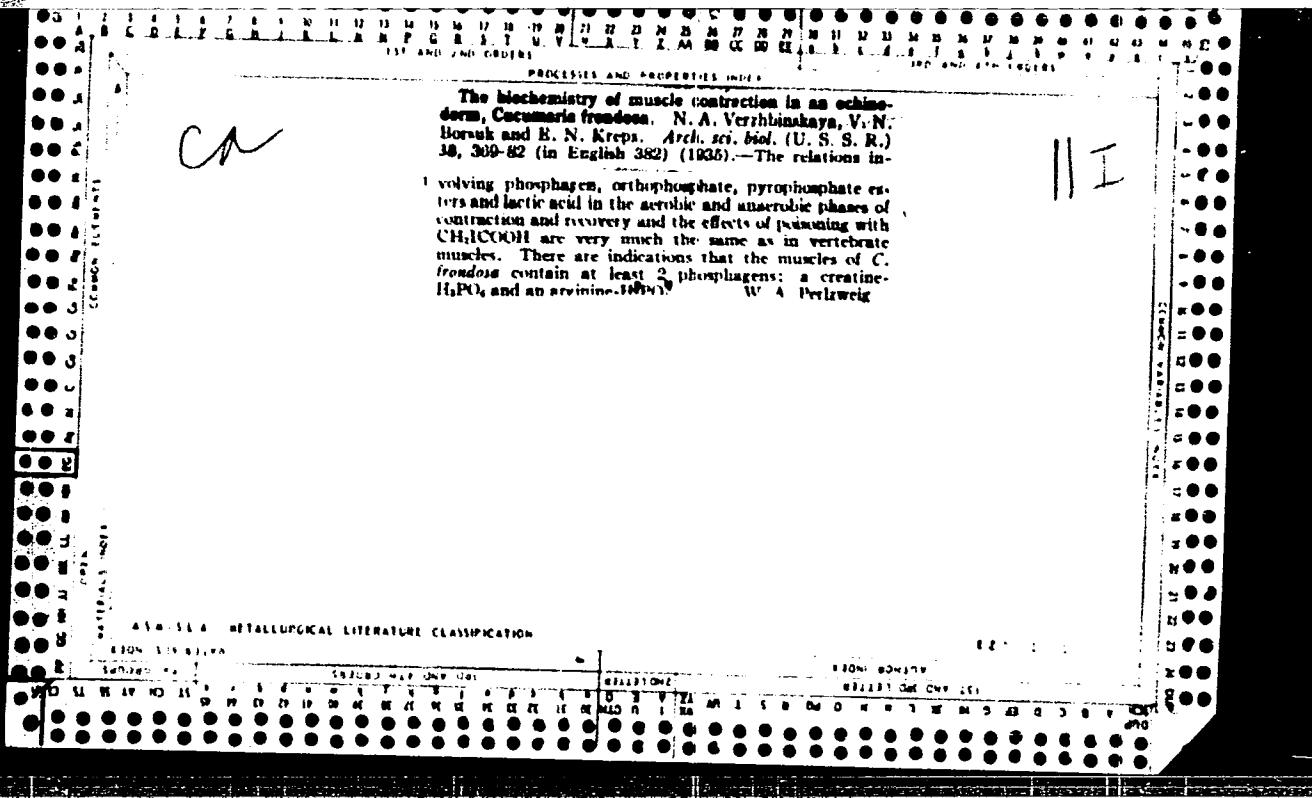
U-1785, 26 March 52

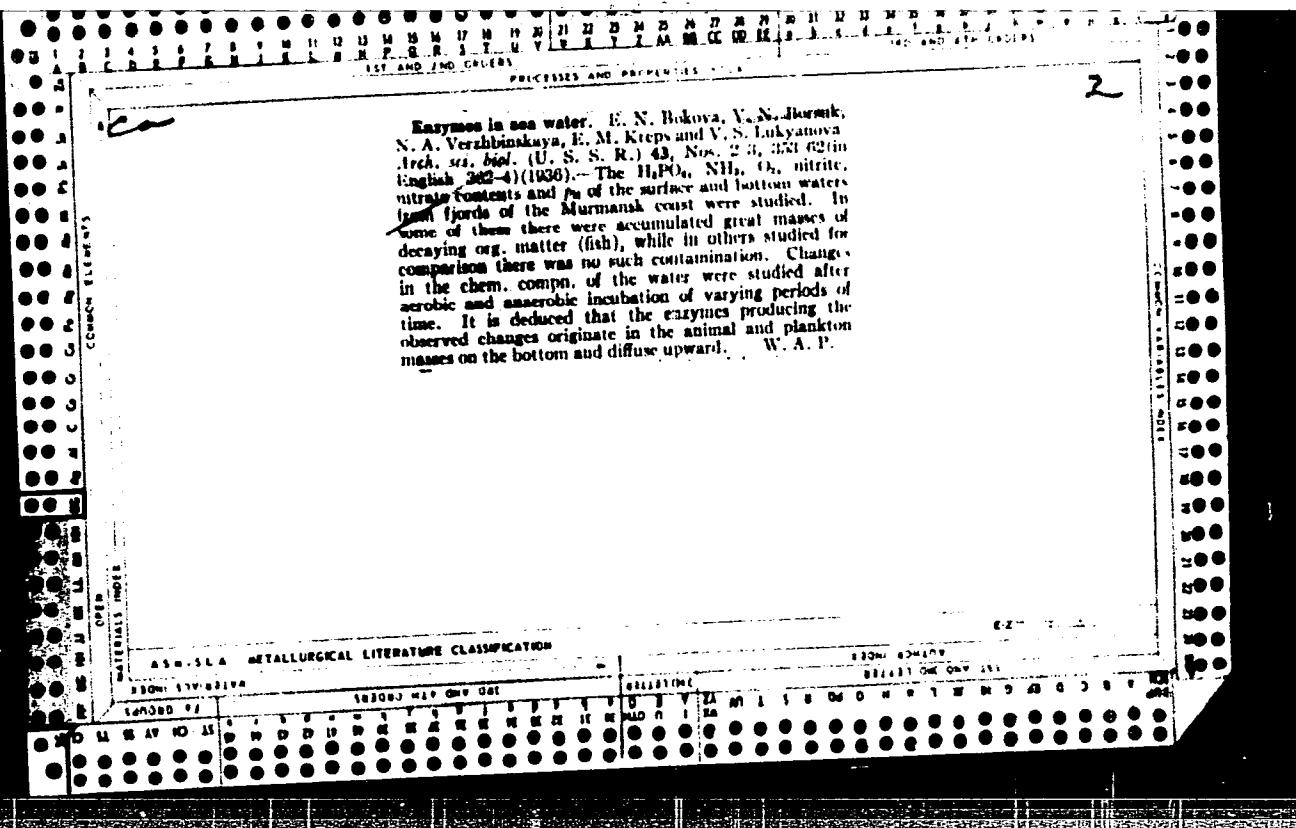
BYKOV, Nikolay Ivanovich; BORSUK, V.N., otv. red.; CHEPELKINA, L.A.,
red.; ALEKSEYEV, A.G., tekhn. red.

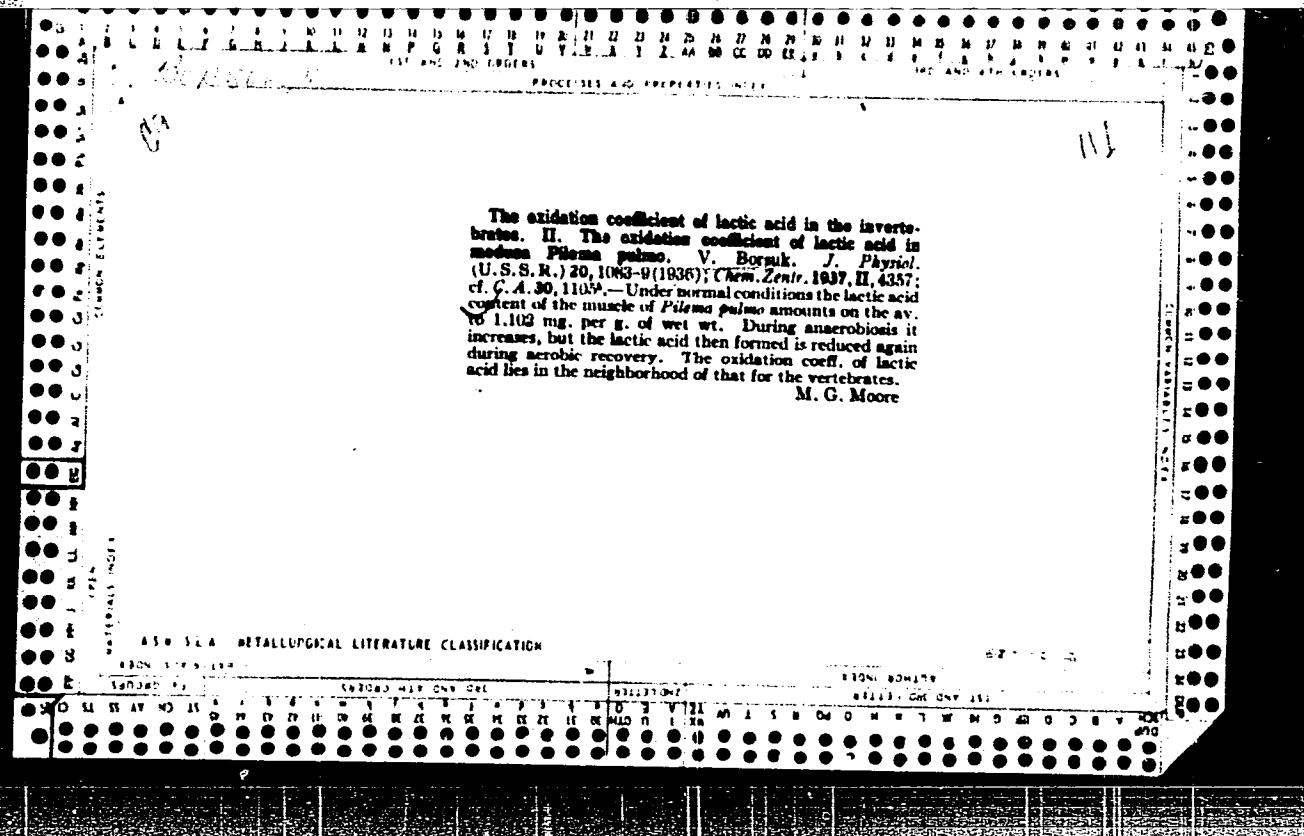
[Agronomic characteristics of soil moisture conditions in
the middle Volga Valley] Agrogidrologicheskie svoistva pochv
Srednego Povolzh'ia; spravochnik. Leningrad, Gidrometeoiz-
dat, 1962. 225 p. (MIRA 15:11)
(Volga Valley—Soil moisture)











BORSUK, V. N.

PA 41T84

USSR/Medicine - Physiology
Medicine - Nervous System, Sympathetic

Jan/Feb 1948

"An Re-evaluation of Several Physiological Factors,"
V. N. Borsuk, N. A. Verzhbinskaya, Ye. M. Kreps, M. I.
Mikhelson, V. V. Strel'tsov (Deceased), Physiol Inst
imeni Academician I. P. Pavlov, Acad Sci, USSR, 2 pp

"Fiziol Zhur SSSR" Vol XXXIV, No 1 '41-'42

Authors discuss the question of the sympathetic nerve
on the chemical processes in the skeletal muscles.
Two series of experiments were conducted. In the
first, an electrical current was used to irritate the
motor nerves of the hind leg of a frog. In the sec-
ond, an electrical current was applied to the

41T84

USSR/Medicine - Physiology (Contd) Jan/Feb 1948

sympathetic nerves which had been deadened with
nicotine. Submitted, 12 May 1947.

41T84

BORSUK, V. N.

USSR/Medicine - Physiology
Medicine - Ascorbic Acid

11 Jan 1948

"Ascorbic Acid in the Blood and Tissues of Rabbits and Guinea Pigs in Ontogenesis," V. N. Borsuk, Inst Evolutionary Physiol and Pathol of Higher Nervous Activity Izenni I. P. Pavlov, Acad Med Sci USSR, 3 pp

"Dok Akad Nauk SSSR," Nova Ser., Vol LIX, No 2

394-99

Conducted experiments to study the role of ascorbic acid in ontogenesis. Used embryos of various animals PA in various stages of development. Some of results: Embryogenesis of the rabbits prolonged 30 days. Rabbits eventually born completely helpless, blind, and without hair. Gestational period of guinea pig

USSR/Medicine - Physiology (Contd) 11 Jan 1948

extended (to 60 days). However, they were born in condition in which they were fully capable of taking care of themselves. Submitted by Academician L. A. Donskoi, 10 Nov 1947.

b2
b7C

BORSUK, V.N.

Effect of hypoxic conditions on the ascorbic acid content of blood
and tissues in rabbits and guinea pigs. Trudy fiziol. inst. 4:197-
210 '49. (MLRA 9:5)

(OXYGEN--PHYSIOLOGICAL EFFECT)
(ASCORBIC ACID)
(BLOOD--ANALYSIS AND CHEMISTRY)

BORSUK, V. N.

PA 25/49T44

USER/Medicine -- Rabbits
Medicine -- Ascorbic Acid
Jan 49

"Retarding the Synthesis of Ascorbic Acid in the
Organism of a Rabbit Under Hypoacidic Condi-
tions," V. N. Borsuk, Inst Evolutionary Physiol
and Path of Higher Nervous System imeni I. P.
Pavlov, Acad Med Sci USSR, 4 pp

"Dok Ak Nauk SSSR" Vol LXIV, No 2 22-9-72

Concludes that even such powerful factors as
pregnancy, birth, and lactation, cause neither
decreased Vitamin C content in the organism nor
pathological changes in a rabbit in areas where
fodder is lacking in Vitamin C. Same ration
under hypoacidic conditions causes develop-
ment of scurvy even in nongravid animals.
Submitted 10 Oct 48

25/49T44

USSR/Medicine - Birds
Medicine - Ascorbic Acid
Jan 49

"Ascorbic Acid in the Ontogenesis of Birds,"
V. N. Borsuk, 3 pp

"Dok Ak Nauk SSSR" Vol LXIV, No 3

PA 27/4976

Previous work established that curve showing variation in ascorbic acid content in the ontogenesis of a rabbit is very different from same curve for a guinea pig. This is explained by fact that the guinea pig is born at a high level of development, while the rabbit still retains many embryonic characteristics at birth. Same experi-

27/4977*

USSR/Medicine - Birds (Contd)
Jan 49

ment is made with birds, with cocks replacing guinea pigs and rooks replacing rabbits.
Submitted 10 Nov 48.

27/4977*

BORSUK, V. N.

BORSUK, V. N.

✓ Neural regulation of mammary gland activity. I. A. Baryshnikov, V. N. Borsuk, M. G. Zaks, I. N. Zetikova, G. N. Pavlov, and V. I. Tolbukhin (I. P. Pavlov Inst. Physiol., Acad. Sci. U.S.S.R., Moscow). *Zhur. Osnovnoi Biol.* 14, 257-74 (1953). — Variations in butterfat content, especially in the alveolar portion of cow milk, under mech. and elec. nerve stimulation form part of the evidence that neural regulation of lactation includes a special control of the fat-forming function in mammary glands. Cf. C.A. 46, 20952. Julian F. Sault

BORSUK, V.N.; ZAKS, M.G.

Distribution of fat and casein in successive samples from a single milking of cows. Trudy Inst.fiziol. 4:81-92 '55. (MLRA 9:4)

1.Laboratoriya fisiologii sel'skokhozyaystvennykh zhivotnykh. Zavedushchий I.A.Baryshnikov.
(Milk--Analysis and examination) (Casein) (Fat)

BORSUK, V.N.; ZAKS, M.G.

Characteristics of the production of butterfat in cows with varying degrees of fats in milk. Trudy Inst.fiziol. 4:93-102 '55. (MLRA 9:4)

1. Laboratoriya fiziologii sel'skohozyaystvennykh zhivotnykh Zaveduyushchiy
I.A.Baryshnikov.
(Lactation)

BORSUK, V.N.

Metabolism of salts and water in cows. Report no.1. Diuresis and
the excretion of chlorine and potassium in urine in cows. Trudy
Inst.fiziolog. 4:198-209 '55. (MIRA 9:4)

1.Laboratoriya fiziologii sel'skohozyaystvennykh zhivotnykh.
Zaveduyushchiy I.A.Baryshnikov.
(Minerals in the body) (Diuretics and diuresis) (Cows)

BORSUK, V.N.; LARIONOVA, I.L.; MORYREVA, A.N.

Metabolism of salts and water in cows. Report no.2: Elimination of
chlorine and potassium by kidneys in cows. Trudy Inst.fiziol. 4:
210-212 '55. (MLRA 9:4)

1. Laboratoriya fiziologii sel'skokhozyaystvennykh zhivotnykh. Zavod-
duyushchiy I.A.Baryshnikov.
(Minerals in the body) (Cows) (Urine--Secretion)

BORSUK, V.N.

Metabolism of salts and water in cows and goats during lactation.
Report no.3. Simultaneous excretion of potassium, sodium and chlorine
by the kidneys of lactating cows and goats. Trudy Inst.fiziol. 4:
213-216 1955.
(MLRA 9:4)

1.Laboratoriya fiziologii sel'skokhozyaystvennykh zhivotnykh. Zavere-
duyushchiy I.A.Baryshnikov.
(Minerals in the body) (Lactation) (Urine--Secretion)

BORSUK, V.N.

Relationship between fat and casein in cows' milk. Nauch. soob.
Inst. fiziol. AN SSSR no.1:159-190 '59. (MIRA 14:10)

1. Laboratoriya fiziolgoii sel'skokhozyaystvernykh zhivotnykh
(zav. - I.A.Baryshnikov) Instituta fiziologii imeni Pavlova
AN SSSR.

(MILK—COMPOSITION)

BORSUK, V.N.

Phosphorus metabolism in cows at different periods of lactation.
Trudy Inst. fiziolog. 8:509-514 '59. (MIRA 13:5)

1. Laboratoriya fiziologii sel'skokhozyaystvennykh zhivotnykh
(zaveduyushchiy - I.A. Baryshnikov) Instituta fiziologii im.
I.P. Pavlova AN SSSR.
(LACTATION) (PHOSPHORUS METABOLISM) (COWS)

ACC NR: AP6033847

(A)

SOURCE CODE: UR/0117/66/000/008/0034/0035

AUTHORS: Tsikol', D. N.; Borsuk, Z. I.

ORG: none

TITLE: Biological hand protectors

SOURCE: Mashinostroitel', no. 8, 1966, 34-35

TOPIC TAGS: industrial hygiene, petroleum industry, protective coating, kaolin, alcohol

ABSTRACT: Two types of paste for protecting hands of workers handling substances and materials harmful to the skin have been developed by the Laboratory of Coatings "Mospromprojekt" (Laboratoriya pokrytiy "Mospromprojekt"). Paste No. 1 is based on kaolin, glycerine, soap, and water; paste No. 2 is made up of casein glue, glycerine, ammonia, alcohol, and water. The amounts and types of these materials are given in detail, the methods for their production are described, and their application to and removal from workers' hands are explained. The pastes may be made more visible by the addition of a nonaggressive pigment. The third paste, recommended by the Institute of Hygiene and Occupational Diseases AMN im. Obukh (Institut gigiyeny truda i profzabolevaniy AMN) for work with petrochemicals and several solvents is free of alcohol. It consists of methyl cellulose, glycerine, kaolin, talcum, and water in specified proportions. A table shows the amount of ingredients of the first two pastes, used by a worker in one day. Orig. art. has: 1 table.

Card 1/1 SUB CODE: 06/ SUBM DATE: none

UDC: 613.632

BONDARENKO, P.S., inzh.; LUNEV, G.I., inzh.; BORSUKOV, Ye.M., inzh.;
YANOVSKIY, V.P., inzh.

Achievement of low stable speeds of a remotely controlled
car pusher. Prom. energ. 17 no.11:17-22 N '62. (MIRA 15:12)
(Electric railway motors)

BORSUKOWSKI, Wladyslaw

Histopathological changes in the sympathetic spinal ganglia in
Winiwarter-Buerger disease. Pat. polska 5 no.1:25-29 Ja-Mr '54.

1. Z Zakladu Anatomii Patologicznej Akademii Medycznej w Krakowie.
Dyrektor: prof. dr J.Kowalczykowa. 2. Z Oddzialu Chirurgicznego
Szpitala Powszechnego w Nowym Saczu. Dyrektor: dr Z.Zurek.

(THROMBOANGIITIS OBLITERANS, pathology,

*sympathetic ganglia)

(GANGLIA, AUTONOMIC, in various diseases,

*thromboangiitis obliterans)

WIZESNIEWSKI, Kazimierz; BORSUKOWSKI, Wladyslaw; BORTNIK, Pawel

Method of neuroplegia and controlled hypothermia at an air
force hospital. Polski tygod. lek. 11 no.38:1617-1620 17
Sept 56.

1. Z oddzialu chirurgicznego Szpitala Lotniczego).
(HIBERNATION, ARTIFICIAL,
(Pol))

WRZESNIEWSKI, Kazimierz; BORSUKOWSKI, Wladyslaw; BORTNIK, Pawel;
ZAKRZEWSKI, Tadeusz

Application of neuroleptic drugs and of physical hypothermia
in a case of severe cerebrocranial injury. Polski tygod. lek.
11 no.39:1675-1678 24 Sept 56.

1. (Z Oddzialu Chirurgicznego Wojskowego Szpitala Lotniczego)
adres: Warszawa, al. Na Skarpie 65 m. 9.
(HIBERNATION, ARTIFICIAL,
in head inj. (Pol))
(HEAD, wounds and injuries,
ther., artif. hibernation (Pol))

Borsy G.
TOLNAI, G.; BORSY, G.

Studying the reactivity and effectiveness of adsorbed typhoid
fever vaccine. Zhur. mikrobiol. epid. i immun 28 no.2:149
F '57 (MLRA 10:4)
(TYPHOID FEVER--PREVENTIVE INOCULATION)

EXCERPTA MEDICA Sec 2 Vol 13/5 Physiology May 60

2614. STUDIES ON PROMETHAZINE. II. ANTIHISTAMINIC ACTIVITY OF ITS
OPTICAL ISOMERS - Borsy L., Lazar I., Csizmadia Zs. and
Toldy L. Inst. for Pharmacoindustr. Res., Budapest - ACTA PHYSIOL.
ACAD. SCI. HUNG. 1959, 15/4 (339-343) Graphs 1 Tables 4

The optical isomers of promethazine have been investigated as to toxicity, anti-

214

histaminic activity and anaesthesia-potentiating effect. The toxicity of DL-promethazine was found to be identical with that of the D and L isomers. The same was true for the antihistaminic action (guinea-pig intestine, blood pressure of the cat and histamine-induced asthma of the guinea-pig) as well as for the anaesthesia-potentiating effect. Accordingly, a difference must exist between the antihistaminic activity of the structural isomers of promethazine (*in* promethazine) described by others and that of the optical isomers investigated in this study.

BORSY, J.; CSAK, ZS, A.; IAZAR, I.; BAGDY, D.

Pharmacological actions of Pancreatic elastase. Acta physiol. hung.
15 no.4:345-362 1959

1. Institute for Pharmacoindustrial Research, Budapest..
(PROTEASES, pharmacology)
(PANCREAS, metabolism)

TOLDY, Lajos; VARGHA, Laszlo; TOTH, Istvan; BORSY, Jozsef

Promethazine investigations. Pt. 1. Magy kem folyoir 65 no.1:41
Ja '59.

1. Gyogyszeripari Kutato Intezet.

BORSY, J., dr.

Chemistry, pharmacology, and neurosedative effect of compound V-7.
Ther. Hung. 8 no.3/4:3-7 '60.

1. Research Institute of the Pharmaceutical Industry, Budapest.
(TRANQUILIZING AGENTS pharmacol.)

BAGDY, Daniel, az orvostudomanyok kandidatusa; TOLNAY, Pal; BORSY, Jozsef;
KOVACS, Kalman

Chemical, biological and pharmacological properties of the elastase
and its pharmaceutical. Biol orv kozl MTA.11 no.2/3:277-291 '60.
(EEAI 10:5)

1. Gyogyszeripari Kutato Intezet Biokemiai Osztalya, IV. ker.Varosi
Korhaz II. TBC-osztalya.
(ELASTASE)

BORSY, J.; FEKETE, M.; CSIZMADIA, Zs.

Antimescaline effect of trioxazine [N-(3,4,5-trimethoxybenzoyl)-tetrahydro-1,4-oxazine]. Acta physiol. hung. 19 no.1-4:27-32 '61.

1. Pharmacoindustrial Research Institute, Budapest,
(MESCALINE antagonists) (TRANQUILIZING AGENTS pharmacology)

HUNGARY

FEKETE, M., and BORSY, J., of the Institute for Pharmacoindustrial Research, Budapest [Original version not given].

"Effect of IMIPRAMINE (N-[3-Dimethylaminopropyl]-iminodibenzyl HCl) on Impulse Formation in the Rat Heart in Vivo"

Budapest, Acta Physiologica Academiae Scientiarum Hungaricae, Supplement to Vol 22, 1963; p 12.

Abstract [Authors' English summary, modified]: Imipramine in intravenous doses of 4 to 6 mg/kg inhibited the disturbance of rhythm caused by aconitine and calcium chloride. The bradycardia elicited by pretreatment with reserpine could be antagonized in 65% of the cases by the intravenous injection of 4 mg/kg of imipramine. The drug, however, had no influence on the bradycardia caused by bretylium tosylate and increased the negative chronotropic effect of guanethidine.

1/1

HUNGARY

BORSY, J., FEKETE, M., and CSAK, Z.A., of the Institute for Pharmacological Research, Budapest [Original version not given].

"The Mescaline-Antagonizing Effect of Some Ergot Alkaloids in Correlation with Their Antiserotonin Activity"

Budapest, Acta Physiologica Academiae Scientiarum Hungaricae, Supplement to Vol 22, 1963; p 28.

Abstract [Authors' English summary modified]: The effects of LSD-25, BOL-148, UML-491 and dihydroergotamine on mescaline stereotypia and excitation have been studied in mice. Inhibition of the scratch reflex evoked by mescaline was strongest with LSD-25. The latter also completely blocked the stimulating effect of mescaline, and the action of BOL-148 was the same, but the other two compounds were ineffective. The highest serotonin activity was exhibited by UML-491.

1/1

HUNGARY

CSANYI, Endre, KELEMEN, Agnes, and BORSY, Jozsef, of the Research Institute for the Pharmaceutical Industry (Gyogyszeripari Kutato Intezet) in Budapest.

"The Effects of Cyanocobalamin Monocarboxylic Acid on Rat Hemopoieses"

Budapest, Acta Physiologica Academiae Scientiarum Hungaricae, Vol 23, No 2, 1963, pp. 211-217.

Abstract: [German article] The effects of antivitamine-B₁₂ on the number of circulating leucocytes and erythrocytes in normal rats and on post-hemorrhagic hemopoieses in rats were studied. The circulating granulocytes temporarily decreased in normal rats; however, the number of erythrocytes remained constant. This effect could be minimized by the use of methionine but not of vitamine-B₁₂. A chronical enrichment in the organs of the rats showed no damaging effects. Eight references, including 3 Hungarian, 2 German, and 3 Western.

1/1

L 1183-66

ACCESSION NR: A75025198

HU/25/2/64/042/004/0351/0357

AUTHOR: Toldy, Lajos (Toldi, L.) (Doctor) (Budapest); Borsy, Jozsef (Borshi, I.) (Doctor) (Budapest); Dombovich, Boris (Doctor) (Budapest); Toth, Istvan (Tot, I.) (Budapest)

TITLE: Phenthiazine derivatives. Part 4: Synthesis of methophenazine

SOURCE: Academia scientiarum hungaricae. Acta chimica, v. 42, no. 4, 1964, 351-357

TOPIC TAGS: ester, carboxylic acid, tranquilizer

Abstract: [German article] A synthesis of perphenazine, 3-chloro-10- γ -[4'-(β '-hydroxyethyl)-piperazinyl-1']propyl-phenthiazine, and several of its esters with aryl and arylalkyl carboxylic acids including 3-chloro-10- γ -[4'-(β '-hydroxyethyl)piperazinyl-1']propyl-phenthiazine-3'',4'',5''-trimethoxybenzoic ester (Methophenazine, a tranquilizer), was described. The properties of the various intermediate and ultimate products obtained were presented and discussed. "Thanks are extended to O. Winterstein and G. Gelegonya." Orig. art. has 7 figures and 1 table.

ASSOCIATION: Institut fur Arzneimittelforschung, Budapest (Institute for Pharmaceutical Research)

Card 1/2

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206530001-4

L 1183-66

ACCESSION NR: AT5025198

SUBMITTED: 29Feb64

NO REF SOV: 000

ENCL: 00

OTHER: 017

SUB CODE: OC, GC

JPRS

Card 2/2

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206530001-4"

BURSY, J.; TÓTHY, L.; DIBBENI, B.

Neuroplegic and other pharmacological properties of acetophenazine (Frenolon). Acta physiol. Acad. sci. Hung. 27 no. 3:65-80
1965

1. Research Institute for Pharmaceutical Industry, Budapest.

L 32152-66 RO
ACC NL AT6023535

SOURCE CODE: HU/2505/65/027/002/0193/0197

AUTHOR: Fekete, Marton; Borsy, Jozsef-Borghi, Y.; Mitsanyi, Attila-Mitshan'i, A.

ORG: Research Institute for Pharmaceutical Chemistry, Budapest (Gyogyszerkutato Intezet); Experimental Research Department, Medical University of Budapest (Budapesti Orvostudomanyi Egyetem Kiserleti Kutatointezet) ²⁴ _{B+1}

TITLE: Coronary vasodilator effect of methophenazine and some other phenothiazine derivatives

SOURCE: Academia scientiarum hungaricae. Acta physiologica, v. 27, no. 2, 1965, 193-197

TOPIC TAGS: chlorpromazine, blood circulation, drug effect, nervous system drug

ABSTRACT: 1) Methophenazine was found to exert a more marked and prolonged coronary vasodilator effect on the Langendorff isolated heart preparation than does papaverine, chlorpromazine or perphenazine. 2) Methophenazine inhibits the vasopressin-induced elevation of the T-wave to the same extent as prenylamine. Chlorpromazine and perphenazine are less potent in this respect. 3) Myocardial blood flow was increased somewhat less, and muscle blood flow somewhat more by the tested phenothiazine derivatives than by papaverine. In both respects, methophenazine proved to be the most effective one among the phenothiazine derivatives tested. Orig. art. has: 3 figures. Orig. art. in Eng. [JPRS]

SUB CODE: 06 / SUBM DATE: 04Jun64 / (RIG REF: 002 / OTH REF: 011

Cord 1/1 00

0915-

1498-

L 32224-66

ACC NR: AT6020843

SOURCE CODE: HU/2502/65/044/003/0301/0305
*26*AUTHOR: Toldy, Lajos (Doctor); Toth, Istvan; Fekete, Marton (Doctor); Borsy, Jozsef (Doctor)ORG: Pharmaceutical Research Institute, Budapest (Gyogyszeripari Kutato Intezet)TITLE: Phenthiazine derivatives, VI. Attempts at the preparation of phenthiazines with a selective coronary dilatatory effect

SOURCE: Academia scientiarum hungaricae. Acta chimica, v. 44, no. 3, 1965, 301-305

TOPIC TAGS: isomer, tranquilizer, drug effect, circulatory drug, pharmacology, nonmetallic organic derivative

ABSTRACT: Various structural changes were made in the tranquilizer Methophenazine in order to separate its coronary dilatory effect which is also of therapeutic importance. Certain correlations between structure and coronary dilatatory effect were found in the course of pharmaceutical testing of the derivatives. The properties desired by the authors were found most favorable in a Methophenazine isomer [3-chloro-10- β -[4'-(β' -hydroxyethyl)-piperazinyl-1']-propylphenthiazine-3",4",5"-trimethoxybenzoate]. Having a slight sedative effect only and almost no effect on the autonomic nervous system, Isomethophenazine can be considered a phenthiazine derivative with a potential for selective coronary dilatatory action. Some polymethoxyphenothiazine derivatives, and some phenthiazine derivatives in combination with glucose or with sugar alcohols were also prepared in the course of this work. Orig. art. has: 1 table. [JPRS]

SUB CODE: 06 / SUBM DATE: 14Apr64 / ORIG REF: 010 / OTH REF: 033 / SOV REF: 006
Card 1/1

BORSY, K.

New printing procedure: "sieve printing." p. 692. Vol 114, no. 11, Nov. 1955
TERMESZET ES TARSADALOM. Budapest, Hungary.

So: Eastern European Accession. Vol 5, no. 4, April 1956

BORSY, Zoltan, dr., egyetemi adjunktus, a foldrajztudomanyok kandidatusa

"Landscape from the air" by F.J.Monkhouse. Reviewed by Dr.
Zoltan Borsy. Foldr kozl 10 no.1:102 '62.

1. Magyar Foldrajzi Tarsasag valasztmanyi tagja, Debrecen.

BORSY, Zoltan, dr., egyetemi docens, a foldrajztudomanyok kandidatusa (Debrecen)

Practical results of the geomorphological research of Nyirseg.
Foldr kozl 12 no.4:293-308 '64.

BORSY, Zoltan, dr.

"Paleogeologic maps" by A.I. Levorsen. Reviewed by Zoltan
Borsy. Geol kart 15 no.2:152 '63.

100%
DOE

U.S.S.R.

Investigation of oxygen-cesium films. P. G. Borodik
(Inst. Phys. Acad. Sci. U.S.S.R., Kiev). *Zhur. Fiz.*, Vol. 20, p. 925-38 (1950).—Wedge-shaped Cs films which had been vaporized onto glass were oxidized with O₂ at the temp. of liquid air to form transparent films of Cs₂O. Upon further treatment with Cs at 150-81° a yellow coloration developed. Even before this color change, an external photoelec. effect was observed, which increased to a max. This effect was less pronounced when the Cs treatment was at 200°, in which case red films were formed. While in the case of Sb-Cs films the max. of the external photoelec. effect coincides with the absorption max., thus indicating that the absorption is photoelec. in nature, the max. appearing between 560 and 580 m μ in the case of Cs-O photocathodes shows no apparent relation to the absorption curve, which falls uniformly with increasing wave length. The spectral variations in λ and the absorption coeff. were detd. from reflection and transmittancy measurements. At the film-vacuum interface the reflection was 2-3 times greater than at the film-glass interface. The quantum yield for the Cs-O photocathode was 1%, while that of Sb-Cs was nearly 1. In these expts. the ratio Cs:O was varied over wide limits (between 7 and 0.5). Photoconductivity of antimony-cesium films. *Ibid.* 923-7.—Measurements of light absorption on Cs₂Sb films showed no absorption in the infrared down to 2.6 μ . A max. occurred at about 800 m μ . Beyond this point the absorption increased again steadily up to the vicinity of the ultraviolet. By the use of rectangular or square-wave light impulses of 0.01-sec. duration and at 0.4-sec. intervals, the life of the photoelec. current carrier was detd. Values of 0.003-0.021 sec. are reported. Under the influence of excess Cs, an excess conductance develops

PH

(M: L)

J.W. Beeson
from the defective conductance present in the dark, so that
the photoelec. cond. declines and finally completely disappears.
The long-wave range of the photo-e.s.r.f. and the
photocond. at 1050-1100 m μ yields an excitation energy of
1.1 e.v. as compared with 0.6 e.v. reported by Khlebnikov
and Melanild (cf. *CA*, 43, 3702c). In contrast to the photo-
elec. effect, the dark and photoelec. condns. depend to a
marked extent on the impurities present. Through *Chem.*
Zhur. 1931, II, 9421. M. G. Moore

(30) *LH*

BORSZEKI, Laszlo

Modernization of the transport and refrigeration of apples.
Jarmu mezo gap 12 no.1:23-26 Ja '65.

1. Division Chief, Institute of Developing Agricultural and
Milling Machinery, Budapest.

EXCERPTA MEDICA Sec 9 Vol 13/1 Surgery Jan 59

310. TREATMENT BY MEANS OF HYALURONIDASE OF POST-INFLAMMATORY CONTRACTURES OF THE MASSETER MUSCLES - Leczenie hialuronidazą pozapalnych przykurczów mięśni żwaczy - Borszewska H. and Nowicka K. Klin. Chir. Stomatol. AM, Poznań - CZAS. STOMAT. 1958, 11/2 (115-119)

Hyaluronidase (75-150 U. at intervals of 5-7 days) was administered to 11 patients with post-inflammatory contractures of the masseter muscles. Normal and painless opening of the jaws was obtained after 3 doses of the enzyme.

Bethlem - Amsterdam

BORSZENSKI, Jerzy; GRADZKI, Janusz

Gastric polypi. Polski tygod. lek. 9 no.49:1578-1594 6 Dec 54.

1. Z II Kliniki Chirurgicznej A.M.; kierownik: prof. dr R.Drews i
z Zakladu Radiologii A.M. w Poznaniu; kierownik dr St.Boczon.
(STOMACH, neoplasms,
polypi)
(POLYPI,
stomach)

DREWS, Roman; ROGUSKA, Jadwiga; BORSZEWSKI, Jerzy

Nine cases of constrictive pericarditis treated by surgery.
Kardiol. polska 1 no.3-4:82-84 1955.

1. Z II Kliniki Chorob Wewn. AM w Poznaniu; Kier. prof.
Jan Roguski i z II Kliniki Chirurg. AM w Poznaniu, Kier.
prof. Roman Drews.
(PERICARDITIS, ADHESIVE, surgery,
(Pol))

BORSZEWSKI, Jerzy.

Cardiac resuscitation. Polski tygod. lek. 11 no.1:5-13 2 Jan 56.

l. z III Kliniki Chirurgicznej Akademii Medycznej w Poznaniu,
dziernik: doc. dr Jerzy Broszewski. Poznan, III Kl. Chir. A.M.
(CARDIAC ARREST, ther.
resuscitation)
(RESUSCITATION
in cardiac arrest)

DREWS, Roman; ROGUSKA, Jadwiga; BORSZEWSKI, Jerzy

Adhesive pericarditis; symptomatology and treatment. Polski
przegl. chir. 28 no.2:133-143 Feb 56.

1. Z II Kliniki Chorob Wewnętrznych. Kierownik: prof. dr. J.
Roguski i z II Kliniki Chirurgicznej A. M. w Poznaniu.
Kierownik: prof. dr. R. Drews Poznan, ul. Przybyszewskiego 49.
(PERICARDITIS, ADHESIVE
diag. & ther.

EXCERPTA MEDICA Sec.9 Vol.11/11 Surgery Nov 57
BORSZEWSKI J.

6195. BORSZEWSKI J. and HRYNIEWIECKI J. III Klin. Chir. A.M., Poznań.
"Leczenie niedokrwienia tętniczego kończyn dolnych dotkniczym podawaniem
tlenu. Treatment of arterial ischaemia in the lower ex-

6195

CONT.

tremities by intra-arterial administration of oxygen
POL. PRZEGL. CHIR. 1956, 28/7 (689-694) Graphs 5 Tables 1 Illus. 1
The authors carried out intra-arterial administration of oxygen in 20 patients
with impairment of the arterial supply in the lower extremities. The following
affections were involved in this series: endarteritis obliterans (5 cases), arterio-
sclerosis obliterans (8 cases), arteriospasmus chronicus (1 case) and ulcus
cruris (6 cases). The oxygen was administered with the aid of an apparatus,
designed by the authors themselves. A marked improvement has been obtained
in 9 cases - surface temperature was raised, pain in the limb disappeared and
the walking index increased. Slight relief was noted in 6 patients, no improve-
ment in 5 cases. Unsatisfactory results were observed in subjects with advanced
disease process, in whom necrosis occurred and surgery had to be resorted to.
On the basis of personal observations the conclusion is reached that the mechan-
ism of a prolonged vasodilatation following intra-arterial administration of oxygen
was of reflex nature. The experience of the authors is that intra-arterial admin-
istration of oxygen is a safe procedure for the patient and may prove to be suc-
cessful in some cases.

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Adres: Poznan ul. Swiecickiego 6, Zaklad Histologiczny Prawidlowej i Embriologii.

(TESTES, anatomy & histology
in sterility, histol. & histochem. studies in men (Pol))

(STERILITY, MALE,
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